

Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-1	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-1 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					P 200	RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
1	SS	24		1	Fine grain brown sand	SM			0.0		M					
				2												
				3												
				4												
				5												
2	SS	24		6	Fine grain brown sand w/ cobbles	SP			0.0							
				7												
				8												
				9												
				10							W					
				11												
3	SS	36		12	Silty fine grain sand w/ cobbles	SP			0.0							
				13												
				14												
				15	EOB @ 15'											
				16												
				17												
				18												
				19												
				20												

I hereby certify that the information on this form is true and the correct to the best of my knowledge


Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-2	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> BH-2 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	20		1	Dark brown fine to medium sand w/ gray rock and cobbles	SP			0.0		M				
				2											
				3											
				4											
				5											
2	SS	24		6	EOB @ 10'				0.0						
				7											
				8											
				9											
				10											
				11							W				
				12											
				13											
				14											
				15											

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-3	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-3 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	20		1	Light to dark brown fine sand w/ cobbles				10.2		M				
				2											
				3											
				4											
				5	Varying brown fine sand w/ lots of cobble	SP									
2	SS	36		6					0.0						
				7											
				8											
				9											
				10	Refusal @ 10'						W				
				11											
				12											
				13											
				14											
				15											

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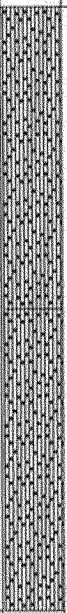

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Facility/Project Name Tower Standard			License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-4	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15		Date Drilling Completed 09/14/15	
					Drilling Method Geoprobe	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-4			Lat		Local Grid Location	
State Plane WI			Long		N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560			County Vilas		County Code 63	
					Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24		1	Light to dark brown fine sand w/ cobbles	SP			0.0		M				
				2											
				3											
				4											
				5											
2	SS	27		6	Fine to medium brown sand w/ some small and large cobble	SP			0.0						
				7											
				8											
				9											
				10											
				10	EOB @ 10'						W				
				11											
				12											
				13											
				14											
				15											

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-5	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-5 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FTD	Soil Properties					P 200	ROD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
1	SS	24		1	Asphalt base coarse	GP					M					
				2	Fine to medium brown sand w/ gravel				0.0							
				3												
				4												
				5	Fine to medium brown sand w/ cobble	GP										
2	SS	24		6												
				7												
				8												
				9												
				10	EOB @ 10'						W					
				11												
				12												
				13												
				14												
				15												

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-6	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-6 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24		1	Asphalt base coarse	GP			0.0		M				
				2	Fine to medium brown sand w/ cobble	SP									0.0
				3											
				4											
2	SS	18		5	Fine to medium dark brown sand w/ cobble	SP			0.0						
				6											
				7											
				8											
				9											
				10											
3	SS	24		11	Saturated Fine brown sand w/ cobble and angular gravel - Strong petroleum odor	GM			1568		W				
				12											
				13											
				14											
				15											
				16	EOB @ 15'				29.9						
				17											
				18											
				19											
				20											

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-7	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> BH-7 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments	
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	SS	30		1	Gravel base coarse Fine to medium brown sand w/ varying size cobble	GP				0.0		M				
			2													
			3													
			4													
			5													
2	SS	28		6		SP			0.0							
			7	Lighter brown to gray fine to medium sand w/ larger cobble												
			8													
			9													
			10													
3	SS	36		11	Saturated Angular gravel w/ red to brown fine sand - Petroleum odor (oil? - not gas)	GM			704		W					
			12													
			13													
			14													
			15	EOB @ 15'					7.4							
				16												
				17												
				18												
				19												
				20												

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-8	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-8 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments										
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200											
1	SS	20		1	Gravel base coarse	GP			2.4		M														
				2	Fine to medium brown sand w/ small cobble	SP																			
				3																					
				4																					
				5																					
2	SS	18		6	Brown fine to medium sand	SP			5.7																
				7																					
				8																					
				9	Medium brown sand w/ larger cobble	GP																			
				10	Petroleum odor in water table																				
				11	EOB @ 10'			760		W															
				12																					
				13																					
				14																					
				15																					

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-9	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-9 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	30	1	Fine brown sand	SM			0.0		M				
			2											
			3											
			4											
			5					0.0						
2	SS	18	6	Brown fine to medium sand w/ cobble	GM			0.0						
			7											
			8											
			9											
			10					0.0		W				
3	SS	42	11	Saturated Angular gravel w/ fine sand and cobbles	GP			0.0						
			12											
			13											
			14											
			15	EOB @ 15'				0.0						
			16											
			17											
			18											
			19											
			20											

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-10	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-10 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	30		1	Fill Sand						M				
				2					0.0						
				3											
				4											
				5		SP			0.0						
2	SS	18		6											
				7					0.0						
				8											
				9	Dark brown fine to medium sand - Petroleum odor in saturated soil				658		W				
				10											
3	SS	42		11	Saturated Gray fine to medium sand w/ small pebbles										
				12											
				13	Fine to medium brown sand w/ cobbles	GM			0.0		M				
				14	Saturated Angular gravel and fine sand						W				
				15	EOB @ 15'				22.6						
				16											
				17											
				18											
				19											
				20											

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-11	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> BH-11			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane WI		Long			

Facility ID 764158560				County Vilas		County Code 63		Civil Town/City/or Village Lac Du Flambeau							
Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	20		1	Gravel base coarse	GP					M				
				2	Fine to medium brown sand w/ trace silty clay	SM									
				3											
				4											
2	SS	24		5	Red brown fine to medium sand (fill)	SP		0.0							
				6											
				7											
				8											
				9											
				10	Saturated Dark brown and gray fine to medium sand w/ cobble	GP	280	W							
	EOB @ 10' - Petroleum odor														
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm <b>REI Engineering, Inc.</b> 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-12	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-12 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	18		1	Asphalt base coarse	GP			171.5		M				
				2	Varying brow fine to medium sand w/ cobble	SM									
				3											
				4											
				5											
2	SS	28		6	Dark brown fine to medium sand w/ large cobbles	GM					1382				
				7											
				8	Finer brown sand w/ pinkish hue and cobbles										
				9											
				10											
3	SS	32		11	Saturated	GM			1878		W				
				12	Angular gravel and fine sand										
				13											
				14											
				15											
				16	EOB @15'				8.5						
				17											
				18											
				19											
				20											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jeff Blair</i>	Firm <b>REI Engineering, Inc.</b> 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-13	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-13 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24		1	Asphalt/ organic matter base coarse	GP			0.0		M				
				2	Brown fine to medium sand w/ cobbles	GM									
				3											
				4											
				5	Dark brown fine to medium sand w/ cobbles										
2	SS	18		6						0.0					
				7											
				8											
				9											
				10											
				10	EOB @ 10'			0.0		W					
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
---	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-14	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation 0	Borehole Diameter 2.25" I-14
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-14 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	6		1	Sand fill	SP					M				
				2	Rock refusal @ 2'										
				3											
				4											
				5											
				6											
				7											
				8											
				9											
				10											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
----------------------------	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-15	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-15 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	18		1	Fill sand	SP					M				
				2	Fine to medium dark brown sand w/ large cobble										
				3		GM			0.0						
				4											
				5					0.0						
2	SS	28		6	Saturated Fine sands w/ cobble and angular gravel						W				
				7		GM									
				8					0.0						
				9											
				10					0.0						
				11	EOB @ 10'										
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge



Signature <i>Jim Blair</i>	Firm <b>REI Engineering, Inc.</b> 4080 North 20th Avenue, Wausau, WI
----------------------------	---

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-16	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/14/15	Date Drilling Completed 09/14/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-16 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	12		1 2 3 4	Fine to medium dark brown sand w/ large cobble	GM			0.0		M				
				5 6 7 8 9	Finer dark brown sand w/ small pebbles	SM			0.0						
				10	EOB @ 10'				0.0		W				
				11 12 13 14 15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge


Signature	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: ☐ Watershed/Wastewater ☐ Waste Management ☐  
☒ Remediation/Redevelopment ☐ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-17	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-17 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments	
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	SS	28		1	Asphalt base coarse	GP			0.0		D					
				2	Fill - fine brown sand						M					
				3												
				4		SM				0.0						
2	SS	36		5						0.0						
				6												
				7	Fine brown/gray/red sand w/ cobbles and angular gravel											
				8	- Strong petroleum odor											
3	SS	36		9						2.8						
				10												
				11	Saturated											
				12	Fine brown sand w/ angular gravel and cobble	GM				W						
				13						3694						
				14												
				15	EOB @ 15'											
				16												
				17						106.7						
				18												
				19												
				20												

I hereby certify that the information on this form is true and the correct to the best of my knowledge


Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-18	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-18 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24		1	Asphalt base coarse	GP			0.0		D				
				2	Fill - fine brown sand w/ cobble	GM					M				
				3											
				4											
				5											
2	SS	18		6	Fine to medium brown to black sand w/ gray cobble and angular gravel	GM				0.0					
				7											
				8											
				9											
				10											
				10	EOB @ 10'			0.0		W					
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-19	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-19 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24			Base coarse	GP			0.0		D				
				1	Fill - fine brown sand w/ cobble						M				
				2											
				3		SP									
				4											
2	SS	16		5	Fine to medium grain brown sand w/ trace small cobble/pebbles				0.0						
				6		GM			0.0						
				7											
3	SS	16		8	SAA w/ larger cobble				0.0		W				
				9		GP									
				10					0.0						
				10	EOB @ 10'										
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-20	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> BH-20			Lat	Local Grid Location	
State Plane WI			Long	N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments		
Number	Type	Length Att. & Recovered (in)	Compressive Strength								Moisture Content	Liquid Limit	Plasticity Index	P 200				
1	SS	24		1	Asphalt base coarse	GP			0.0		D							
				2	Excavation fill - fine to medium brown sand w/ pebbles	SP					M							
				3														
				4														
				5						0.0								
2	SS	16		6					0.0									
				7														
				8						Red/brown finer sand w/ cobble	GM		0.0					
3	SS	20		9					0.0									
				10						EOB @ 10'			W					
				11														
				12														
				13														
				14														
				15														

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-21	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-21 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	21		1	Asphalt base coarse	GP					D				
				2	Dark brown to black fine to medium sand w/ gravel and cobble				2.8		M				
				3											
				4		SP			10.6						
				5											
2	SS	24		6											
				7					0.8						
				8											
				9	Strong petroleum odor - oil?										
				10	Saturated				2891		W				
				11	Finer brown sand w/ angular gravel										
3	SS	24		12		GM									
				13											
				14											
				15	EOB @ 15'										
				16											
				17											
				18											
				19											
				20											

I herby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Signature	<i>Scott J. Bleda</i>	Firm	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-22B	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-22B			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane WI		Long			
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	18		1	Asphalt base coarse	GP					D				
				2	Fine to medium brown to black sand w/ pebbles and angular gravel				67.8		M				
				3											
				4					3.0						
2	SS	27		5	Fine to medium brown sand w/ small gravel and trace cobble	GM			2502						
				6											
				7											
				8											
				9	SAA w/ strong petroleum odor				2348		W				
				10	Saturated										
3	SS	36		11	Fine to medium brown sand w/ small gravel and pebbles - Oil spots, strong odor										
				12											
				13											
				14	SAA w/ large cobbles				1214		M				
				15	EOB @ 15'										
				16											
				17											
				18											
				19											
				20											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
----------------------------	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-23A	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-23A State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments	
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	SS	6		1	Rock refusal @ 5'				9.3							
			2													
			3													
			4													
				5	EOB @ 5'											
				6												
				7												
				8												
				9												
				10												

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Signature	<i>Stt / Blanks</i>	Firm	REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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EPA-R5-2017-010506 0002517

Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-23C	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> BH-23C			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	20		1	Asphalt base coarse						D				
				2	Red/brown fine to medium sand w/ small cobble				0.0		M				
				3											
				4											
				5					2.3						
2	SS	12		6	Brown fine to medium sand w/ organic matter (wood) and cobble										
				7					0.0						
				8											
				9											
				10	EOB @ 10'				0.0		W				
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-23D	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-23D			Lat	Local Grid Location	
State Plane WI			Long	N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	6		1	Fine to medium dark brown sand	SP			2.6		M				
				2											
				3	Strong fuel oil odor										
				4	Rock refusal @ 3.5'										
				5											
				6											
				7											
				8											
				9											
				10											

I herby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-23E	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-23E State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS			1	Rock refusal @ 3.5'				6.3						
			2												
			3												
				4	EOB @ 3.5'										
				5											
				6											
				7											
				8											
				9											
				10											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-24	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-24 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	33	1	Asphalt base coarse	GP					D				
			2	Red brown fine to medium sand w/ pebbles and gray cobble Perched water present				0.0		W				
			3											
			4											
			5	Fine to medium brown sand w/ pebbles and trace cobble	GM			0.0						
2	SS	12	6											
			7											
			8											
			9							M-W				
			10	EOB @ 10'				0.0						
			11											
			12											
			13											
			14											
			15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm <b>REI Engineering, Inc.</b> 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-25	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-25 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	18	1	Asphalt base coarse										
			2	Brown fine to medium grain sand	SP			0.0		W				
			3											
			4	Gray brown fine sand/silt w/ cobble and angular gravel				0.0						
			5											
			6	Brown sandy silt w/ cobbles										
2	SS	18	7											
			8											
			9	Brown silty sand w/ pebbles	GM			0.0		W				
			10											
			11	Saturated										
3	SS	36	12	Brown sandy silt w/ angular gravel and some cobble										
			13											
			14											
			15					0.0						
			16	Blind drilled to 27' - Temp. well set and water sample collected										
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27	EOB @ 27'										
			28											
			29											
			30											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-26	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-26 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	18		1	Asphalt base coarse						M				
				2	Brown, gray, black fine to medium sand w/ gravel and cobble				14						
				3											
				4											
				5											
2	SS	18		6	Brown fine to medium sand w/ gravel and cobble	GM			4.2						
				7											
				8											
				9											
				10					1564		W				
3	SS	12		11	Saturated										
				12	Brown silty sand w/ angular gravel and cobble										
				13											
				14											
				15					1312						
				16	Blind drilled to 27' - temp. well set and water sample collected										
				17											
				18											
				19											
				20											
				21											
				22											
				23											
				24											
				25											
				26											
				27	EOB @ 27'										
				28											
				29											
				30											

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Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-27	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair		Date Drilling Started 09/15/15		Date Drilling Completed 09/15/15	
Drilling Method Geoprobe					
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-27			Lat	Local Grid Location	
State Plane WI			Long	N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	22		1	Asphalt base coarse	GP					D	M			
				2	Brown fine to medium sand w/ angular gravel, cobble	SP									0.0
				3											
				4											
				5											
2	SS	24		6	Black silt w/ organic matter	OL				0.3					
				7	Saturated Brown silty sand w/ angular gravels										1.9
				8											
				9											
				10											
3	SS	36		11		GM				0.0	W				
				12											
				13											
				14											
				15											EOB @ 15'
				16											
				17											
				18											
				19											
				20											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-28	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/15/15	Date Drilling Completed 09/15/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> BH-28			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane WI		Long			
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24		1	Asphalt base coarse	GP			0.4		D				
			2	Brown fine to medium sand w/ angular gravel		M									
			3												
			4												
			5												
2	SS	34		6		GM			0.5	0.0					
			7												
			8												
			9												
			10	SAA - Strong petroleum odor				1576		W					
3	SS	24		11	Saturated				221						
			12	Brown sandy silts w/ cobble and angular gravel											
			13												
			14												
			15	EOB @ 15'											
				16											
				17											
				18											
				19											
				20											

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Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-29	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-29 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24		1	Fine to medium grain brown fill sand	SP			0.0		M				
				2											
				3											
				4	SAA w/ large cobble				0.0						
2	SS	28		5	Coarse brown sand w/ pebbles										
				6	All soils saturated at 9'				0.0						
				7											
				8					0.0						
				9											
				10		GP			0.0		W				
3	SS	36		11											
				12											
				13											
				14											
				15					0.0						
4	SS	36		16											
				17											
				18											
				19											
				20	EOB @ 20'				0.0						
				21											
				22											
				23											
				24											
				25											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jeff J. Blado</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

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Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-30	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-30 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	17	1 2 3 4	Fine to medium brown sand w/ angular gravel and cobble	SP			0.0		M				
2	SS	0	5 6 7 8 9	No recovery - rock				0.0						
3	SS	24	10 11 12 13 14	Saturated Coarse brown sand	SP			0.0		W				
			15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Saturated Medium to coarse brown sand				0.0						
				Blind drilled to 25' - temp. well set and water sample collected										
				EOB @ 25'										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
----------------------------	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-31A	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-31A State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					ROD/ Comments
Number	Type	Length Att. & Recovered (in)									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	0			1 2 3 4 5 6 7 8 9 10	Rock refusal @ 4.5'				0.0						
						EOB @ 4.5'										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
----------------------------	--

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Route To: ☐ Watershed/Wastewater ☐ Waste Management ☐  
☒ Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-31B	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-31B			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane WI		Long			
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	24		1	Asphalt base coarse	GP					D				
				1	Black/brown fine to medium grain sand w/ pebbles	GM					M				
				2	Brown fine to medium sand w/ pebbles and cobble				0.0						
				2	Perched water at 8'										
2	SS	36		3											
				4					0.0						
				5											
				6											
				7		OL									
				8	Black organic sandy silt w/ wood						W				
				9							M				
				9											
				10	EOB @ 10'				0.0						
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge





Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
----------------------------	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-32A	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-32A State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	12		0	Asphalt base coarse	GP					D				
				1	Fine to medium brown sand w/ gravel and cobble						M				
				2											
				3		GM			0.0						
				4											
				5	Rock refusal @ 5'				7.1						
				6											
				7											
				8											
				9											
				10											

I hereby certify that the information on this form is true and the correct to the best of my knowledge


Signature <i>Jeff J. Blodo</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
--------------------------------	--

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Route To: ☒ Watershed/Wastewater ☐ Waste Management ☐  
☒ Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-32B	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-32B State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	10		Asphalt base coarse	GP			5.0		D				
			1	Fine to medium brown sand w/ pebbles						M				
			2											
			3											
			4											
2	SS	18	5	Fine to medium brown sand w/ pebbles angular gravel, cobble and crushed rock	GM			6.3						
			6											
			7											
			8					1189						
			9											
			10	EOB @ 10'				791		W				
			11											
			12											
			13											
			14											
			15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge


Signature <i>John J. Blanks</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
---------------------------------	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-33	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-33 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	18		1	Asphalt base coarse	GP			0.0		D				
				2	Fine to medium brown sand w/ trace cobble					M					
				3											
				4											
				5											
2	SS	24		6	Fine to medium brown sand w/ cobble and angular gravel	GM			0.0						
				7											
				8											
				9											
				10											
				10	EOB @ 10'			0.5		W					
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
---	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-34	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-34 State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					P 200	RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
1	SS	24		1	Brown fine to medium fill sand w/ pebble and cobble						M					
				2					0.0							
				3												
				4		GM			0.0							
				5												
2	SS	34		6												
				7					0.0							
				8	SAA w/ crushed red brick layer Saturated at 9'											
				9												
				10		GP			0.2		W					
3	SS	36		11												
				12												
				13	Lean brown silty clay						M					
				14		CL			0.0							
				15	Saturated						W					
4	SS	24		16	Coarse brown sand w/ cobble											
				17		SP										
				18												
				19					0.0							
				20	EOB @ 20'											
				21												
				22												
				23												
				24												
				25												

I hereby certify that the information on this form is true and the correct to the best of my knowledge


Signature <i>Jim Blair</i>	Firm <b>REI Engineering, Inc.</b> 4080 North 20th Avenue, Wausau, WI
----------------------------	---

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS # 03-64-127899		Boring Number BH-35A	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-35A			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane WI		Long			
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					P 200	RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
1	SS	6		1	Fine to medium grain brown sand w/ angular gravel and cobble	GM					M					
				2												
				3												
				4												
				5	Rock refusal @ 5'				0.0							
				6												
				7												
				8												
				9												
				10												

I hereby certify that the information on this form is true and the correct to the best of my knowledge.

Signature <i>Jim Blair</i>	Firm <b>REI Engineering, Inc.</b> 4080 North 20th Avenue, Wausau, WI
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Route To: ☐ Watershed/Wastewater ☐ Waste Management ☐  
☒ Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-35B	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> H-35B			Lat	Local Grid Location	
State Plane WI			Long	N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample Number	Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	18		1	Fine to medium grain brown sand w/ angular gravel and cobble	GM					M				
				2											
				3											
				4											
				5	Fine to medium grain brown sand w/ black silt seams and pebbles	SM			0.0						
2	SS	24		6											
				7											
				8					0.2						
				9											
				10	Saturated Brown coarse sand w/ pebbles	SP			70.3		W				
3	SS	24		11											
				12					78.3						
				13					2.0						
				14					1.9						
				15	EOB @ 15'				2.8						
				16											
				17											
				18											
				19											
				20											

I hereby certify that the information on this form is true and the correct to the best of my knowledge








Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
----------------------------	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS # 03-64-127899		Boring Number BH-36	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> BH-36			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane WI		Long			
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	8		1 2 3 4 5	Fine to medium grain brown to black sand w/ angular gravel and cobble	GM			0.0		M				
			6 7 8 9	SAA w/ trace organic matter	GM		0.0 0.1								
2	SS	4		10 11 12 13	Saturated Brown coarse sand w/ pebbles	SP			0.0		W				
3	SS			14 15 16 17	Peat - black w/ wood	PT			0.0						
4	SS			18 19 20	Saturated Black silty peat	PT			0.0						
				21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	Coarse gray brown sand with wood and pebbles	OL			0.0						
				40 41 42 43 44 45	Blind drilled to 39' - Temp. well set and water sample collected										
					EOB @ 39'										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-37A	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-37A State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	SS	20		1	Brown fine to medium sand w/ gravel and crushed rock	GM			0.0		M				
				2											
				3											
				4											
				5											
2	SS	12		6	Coarse sand w/ cobble/granite/pebbles Saturated at 6.5'	GP			0.0		W				
				7											
				8											
				9											
				10	Rock refusal @ 10'				0.0						
				11											
				12											
				13											
				14											
				15											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☒ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS # 03-64-127899		Boring Number BH-37B	
Boring Drilled By: Name of crew chief (first, last) and Firm Giles Engineering and Associates - Jim Blair			Date Drilling Started 09/16/15	Date Drilling Completed 09/16/15	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter 2.25"
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location BH-37B State Plane WI			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID 764158560		County Vilas	County Code 63	Civil Town/City/or Village Lac Du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Blind drill to 10'						M				
				2											
				3											
				4											
				5					0.0						
				6											
				7											
				8											
				9											
				10											
1	SS	24		11	Sandy silt w/ gravel seam	SM									
				12	Saturated				0.0						
				13	Coarse brown sand w/ gravel	SP									
				14	Saturated				0.0						
				15											
				16	Blind drill to 40'										
				17											
				18											
				19											
				20											
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				37											
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				39											
				40											
				41	EOB @ 40'										
				42											
				43											
				44											
				45											

I hereby certify that the information on this form is true and the correct to the best of my knowledge








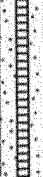

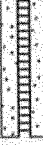
Signature <i>Jim Blair</i>	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
----------------------------	--

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Route To: ☐ Watershed/Wastewater ☐ Waste Management ☐  
☐ Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS# 03-64-127899		Boring Number MW-16	
Boring Drilled By: Name of crew chief (first, last) and Firm PSI - Joe Black			Date Drilling Started 11/2/15	Date Drilling Completed 11/2/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-16	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-16
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> State Plane			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Vilas	County Code 64	Civil Town/City/or Village Town of Lac du Flambeau	

Sample				Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Compressive Strength								Moisture Content	Liquid Limit	Plasticity Index	P 200		
	SS				1	Topsoil										
					2	Sand Fine to coarse, saturated, trace stones	SW			0.0						
1	SS	10	3	3												
				4												
					5	Organic	Pt			0.0						
2	SS	8	8	6												
					7	Sand Fine to medium, with organics, wet	SP			0.0						
3	SS	6	29	8												
				9												
					10	Sand Fine to medium to coarse with gravel, saturated	SW			0.2						
4	SS		15	11												
					12	EOB @ 12' bls										
					13											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
--	---

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS# 03-64-127899		Boring Number MW-16 at 40-45ft	
Boring Drilled By: Name of crew chief (first, last) and Firm GESTRA Engineering, Inc. - Bryan			Date Drilling Started 11/3/15	Date Drilling Completed 11/3/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-16 at 40-45ft	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-16 at 40
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane		Long			
Facility ID		County Vilas	County Code 63	Civil Town/City/or Village Town of Lac du Flambeau	

Sample Number	Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Topsoil										
				2	Blind Drilled										
				3											
				4											
				5											
				6											
				7											
				8											
				9											
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				39											
				40											
				41											
				42											
				43	EOB @ 42' bls										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
---	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS# 03-64-127899		Boring Number MW-17	
Boring Drilled By: Name of crew chief (first, last) and Firm PSI - Joe Black			Date Drilling Started 11/2/15	Date Drilling Completed 11/2/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-17	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-17
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane		Long			
Facility ID		County Vilas	County Code 64	Civil Town/City/or Village Town of Lac du Flambeau	

Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	SS		1	Topsoil and Grass										
			2											
1	SS	6	22	Sand Fine to coarse, many 3" to 6" stones and rounded small stones	SW			0.0						
			3											
			4											
2	SS	3	13	As above Saturated	SW			0.0						
			5											
			6											
3	SS	1	15	As above Wet with lots of rocks, hard drilling										
			7											
			8											
			9											
4	SS	12	5	Sand Fine to coarse, grey, stones, wood pieces and peat	SW									
			10											
			11											
5	SS		15	As above with gravel	SW									
			12											
			13											
			14											
			15	EOB @ 15' bls										
			16											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature  Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

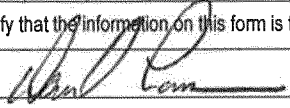
Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS# 03-64-127899		Boring Number MW-17 at 35-40ft	
Boring Drilled By: Name of crew chief (first, last) and Firm GESTRA Engineering, Inc. - Bryan			Date Drilling Started 11/4/15	Date Drilling Completed 11/4/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-17 at 35-40ft	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-17 at 35
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location MW-17 at 35-40ft			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane		Long			

Facility ID	County	County Code	Civil Town/City/or Village
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Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					P 200	ROD/ Comments
Number	Type								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
			1	Topsoil											
			2	Blind Drilled											
			3												
			4												
			5												
			6												
			7												
			8												
			9												
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			35												
			36												
			37												
				EOB @ 36' bls											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
--	---

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRS# 03-64-127899		Boring Number MW-18	
Boring Drilled By: Name of crew chief (first, last) and Firm PSI - Joe Black		Date Drilling Started 11/3/15		Date Drilling Completed 11/3/15	
Drilling Method Hollow Stem Auger					
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-18	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-18
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane			Long		

Facility ID		County Vilas		County Code 64		Civil Town/City/or Village Town of Lac du Flambeau	
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Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				-2											
				-1											
	SS			0	Grass and Sand/Gravel										
				1											
1	SS	12	20	2											
				3	Sand Fine to coarse (mostly fine), trace rounded stones				0.0						
				4											
				5		SW									
2	SS	12	6	6					0.0						
				7											
				8	Sand More silt/clay, gets sandier with depth, wet at 8', sandstone stones at 9'	SM			3.8						
				9											
				10	As above										
4	SS	12	22	11	Mainly fine to coarse sand with trace stones and minimal silt	SW			0.0						
				12											
				13	As above										
5	SS	12	23	14	Drier, fine to coarse sand with increase in gravel	SW			0.0						
				15											
				16	EOB @ 15' bis										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

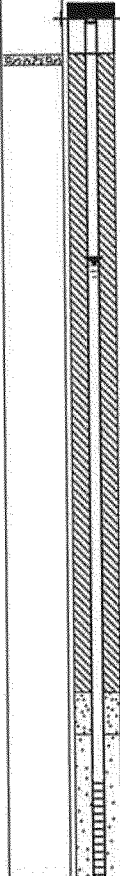
Signature  Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS# 03-64-127899		Boring Number MW-18 at 35-40ft	
Boring Drilled By: Name of crew chief (first, last) and Firm GESTRA Engineering, Inc. - Bryan			Date Drilling Started 11/5/15	Date Drilling Completed 11/5/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-18 at 35-40ft	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-18 at 35
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location MW-18 at 35-40ft			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County	County Code	Civil Town/City/or Village	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					P 200	RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
				-2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	Grass and Sand/Gravel  Blind Drilled											
					EOB @ 40' bls											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
---	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS# 03-64-127899		Boring Number MW-19	
Boring Drilled By: Name of crew chief (first, last) and Firm PSI - Joe			Date Drilling Started 11/3/15	Date Drilling Completed 11/3/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-19	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-19
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> State Plane			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Vilas	County Code 64	Civil Town/City/or Village Town of Lac du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FTD	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				-2											
				-1											
	SS			0	Grass and Topsoil										
				1											
				2											
1	SS	3	25	3	Sand Fine to coarse with rounded stones										
				4		SW									
				5											
2	SS	3	8	6											
				7											
3	SS	9	6	8	Sand Graded into from above, grey, silty with trace gravel, saturated	SM									
				9											
4	SS	12	9	10	Sand Clayey, silty with trace gravel	SC									
				11											
				12											
5	SS	12	2	13	Sand Fine to coarse with trace gravel	SW									
				14											
				15	EOB @ 15' bls										
				16											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature  Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS# 03-64-127899		Boring Number MW-19 at 35-40ft	
Boring Drilled By: Name of crew chief (first, last) and Firm GESTRA Engineering, Inc. - Bryan			Date Drilling Started 11/5/15	Date Drilling Completed 11/5/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-19 at 35-40ft	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-19 at 35
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID		County Vilas	County Code 64	Civil Town/City/or Village Town of Lac du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				-2											
				-1											
				0											
				1	Grass/Topsoil										
				2	Blind Drilled										
				3											
				4											
				5											
				6											
				7											
				8											
				9											
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				34											
				35											
				36											
				37											
				38											
				39											
				40											
				41	EOB @ 40' bls										

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
---	--

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS# 03-64-127899		Boring Number MW-20	
Boring Drilled By: Name of crew chief (first, last) and Firm PSI - Joe Black			Date Drilling Started 11/3/15	Date Drilling Completed 11/3/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-20	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-20
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> State Plane			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	

Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	SS		1	Asphalt										
			2											
1	SS	20	3	Sand and Gravel Fine to coarse, brown, trace silt				22.9						
			4											
2	SS	14	5		SW			13.8						
			6											
			7											
3	SS	3	8	Sand Fine to coarse with rounded stones, saturated and strong odor, rainbow sheen on spoon from 10-12' bls				5160						
			9											
			10											
4	SS		11					5418						
			12		SW									
			13	As above Fewer fines, more angular stones										
5	SS	12	14											
			15	EOB @ 15' bls				1855						
			16											

I herby certify that the information on this form is true and the correct to the best of my knowledge

Signature

Firm


REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS# 03-64-127899		Boring Number MW-20 at 20-25ft	
Boring Drilled By: Name of crew chief (first, last) and Firm GESTRA Engineering, Inc. - Bryan			Date Drilling Started 11/2/15	Date Drilling Completed 11/2/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-20 at 20-25ft	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-20 at 20
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane		Long			
Facility ID		County Vilas	County Code 64	Civil Town/City/or Village Town of Lac du Flambeau	

Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1	Asphalt Blind Drilled										
				2											
				3											
				4											
				5											
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				24											
				25	EOB @ 25' bls										
				26											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

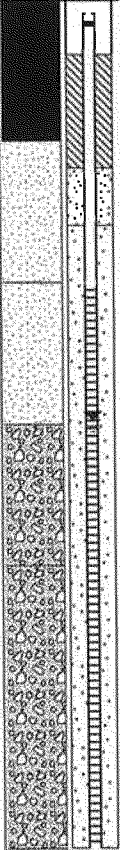

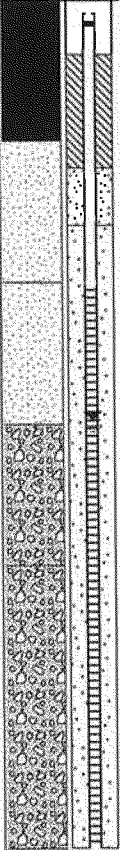

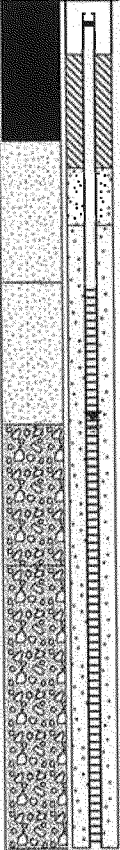

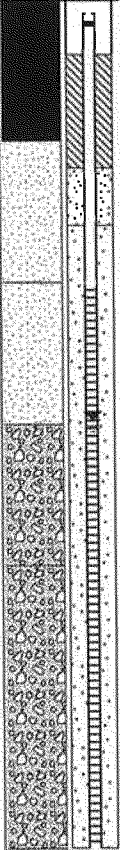

Signature  Firm REI Engineering, Inc.  
4080 North 20th Avenue, Wausau, WI

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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS# 03-64-127899		Boring Number MW-21	
Boring Drilled By: Name of crew chief (first, last) and Firm PSI - Joe Black		Date Drilling Started 11/3/15		Date Drilling Completed 11/4/15	
Drilling Method Hollow Stem Auger					
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-21	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-21
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane			Long		
Facility ID		County Vilas	County Code 64	Civil Town/City/or Village Town of Lac du Flambeau	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	SS			1	Asphalt Road Base	SP			93.0						
			2												
			3	Sand Brown, drilled through large rock											
			4												
1	SS		25	5	Sand Fine to medium with rocks	SP			3750						
			6												
			7												
2	SS		13	8	Sand Fine to coarse, saturated with rounded gravel, odor	SW			1578						
			9												
3	SS		11	Sand and Gravel Fine to coarse, saturated, increase in gravel, decrease in fine to medium sand											
			12												
4	SS		16	13					849						
			14												
			15	EOB @ 15' bls											
				16											

I hereby certify that the information on this form is true and the correct to the best of my knowledge

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number		Boring Number MW-21 at 35-40ft	
Boring Drilled By: Name of crew chief (first, last) and Firm MW-21 at 35-40ft			Date Drilling Started 11/5/15	Date Drilling Completed 11/5/15	Drilling Method
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation 0	Borehole Diameter MW-21 at 35
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location MW-21 at 35-40ft			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane		Long			
Facility ID		County	County Code	Civil Town/City/or Village	

Sample			Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					P 200	RQD/ Comments
Number	Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
				1	Asphalt											
				2	Blind Drilled											
				3												
				4												
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				40												
				41	EOB @ 40' bls											

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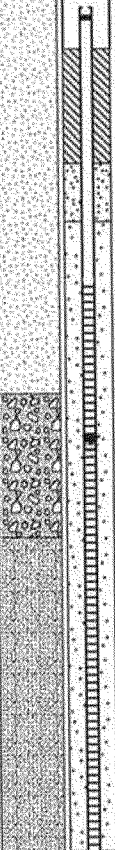
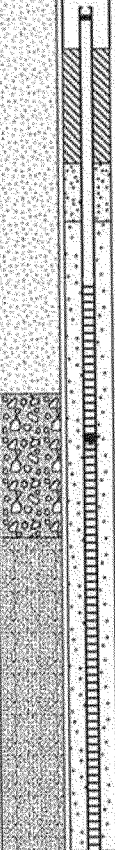
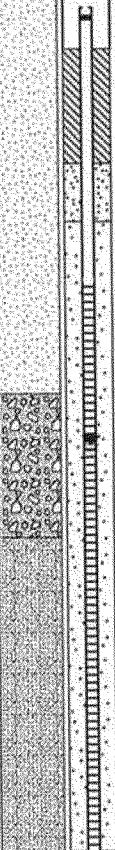
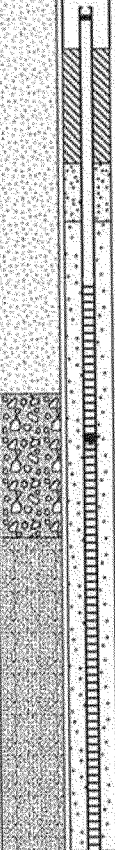
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRTS# 03-64-127899		Boring Number MW-22	
Boring Drilled By: Name of crew chief (first, last) and Firm PSI - Joe Black			Date Drilling Started 11/4/15	Date Drilling Completed 11/4/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-22	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-22
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> State Plane			Lat Long	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	

Facility ID				County Vilas				County Code 64				Civil Town/City/or Village Town of Lac du Flambeau			
Sample				Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	SS			1	Fill Sand				13.8						
				2											
1	SS		5	3											
				4											
				5											
2	SS		5	6					0.0						
				7	Sand and Gravel Saturated, fine to coarse	SW			3015						
3	SS		39	8											
				9											
				10	Sand Fine, trace gravel				54.2						
4	SS		36	11											
				12											
				13											
5	SS		18	14											
				15	EOB @ 15' bls				2.1						
				16											

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Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Route To: Watershed/Wastewater ☐ Waste Management ☐  
Remediation/Redevelopment ☐ Other ☐

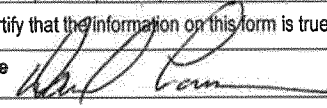
Page 1 of 1

Facility/Project Name Tower Standard		License/Permit/Monitoring Number BRRTS# 03-64-127899		Boring Number MW-22 at 35-40ft	
Boring Drilled By: Name of crew chief (first, last) and Firm GESTRA Engineering, Inc. - Bryan			Date Drilling Started 11/3/15	Date Drilling Completed 11/3/15	Drilling Method Hollow Stem Auger
WI Unique Well No.	DNR Well ID No.	Common Well Name MW-22 at 35-40ft	Final Static Water Level	Surface Elevation 0	Borehole Diameter 8 inch V-22 at 35
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>	
State Plane			Long		

Facility ID County Vilas County Code 64 Civil Town/City/or Village Town of Lac du Flambeau

Sample			Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic	Well	PID/FID	Soil Properties					RQD/ Comments
Number	Type	Length Att. & Recovered (in)							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			1	Fine Sand Cover										
			2	Blind Drilled										
			3											
			4											
			5											
			6											
			7											
			8											
			9											
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				EOB @ 40' bls										

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